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संस्थान



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Government of India

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दूरभाष: (079) 2396 2020/2021/2028  
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## ENQUIRY

ENQUIRY NO : IPR/EQL/18-19/058  
Date : 30-05-2018

**Due on : 28-06-2018 by 1:00 PM IST**

Reminder-1 Dt: 15-06-2018

Please send your offer in sealed envelope specifying Enquiry No, Date & Due Date, ALONG WITH your credentials for the following items:

### Important Note:

Please note that e-mail quotations are not acceptable however you may send your queries (if any) to [localpurchase@ipr.res.in](mailto:localpurchase@ipr.res.in)

Please ensure your sealed quotation reaches this office not later than above mentioned due date and time.

Kindly go through the following documents properly before quoting which are available on the IPR web portal i.e., [http://www.ipr.res.in/documents/tender\\_terms.html](http://www.ipr.res.in/documents/tender_terms.html) / attached herewith.

- 1) Instructions to the bidders & Terms and conditions (refer Form No: IPR-LP-01.V4)
- 2) Bidding format

**GST for Goods and Services (IGST/CGST/SGST TAX BENEFITS):** Please refer clause no: 8 of Form No: IPR-LP-01.V4

### QUOTATION SHOULD BE ADDRESSED TO PURCHASE OFFICER ONLY

Sr No	Description	Quantity
1	Supply of VCMS components as per attached specification	1.0 Nos.

Note: Please quote with complete technical details (Technical compliance sheet and product data sheet).

Encl: As per attachment.

Sd/-

Mr. D. Ramesh  
Purchase Officer-II

**Information to Vendors:** We are working towards a single platform for our future requirement. Hence, please refer IPR website i.e, <http://www.ipr.res.in/documents/tenderseng.html> for our future requirement.

## Specification of Beckhoff make Items

Sr. No.	Item Description	Model No.	Qty. Required
1.	EtherCAT Coupler with ID switch for E-bus terminals (ELxxxx)	EK1101	<u>2</u>
2.	4-channel digital input terminal 24 V DC, filter 3.0 ms, 2-wire system	EL1004	<u>1</u>
3.	4-channel digital output terminal 24 V DC, 0.5 A, 2-wire system	EL2004	<u>1</u>
4.	4-channel analog input terminal -10 V...+10 V, single-ended, 12 bit, 4 x 2-wire system	EL3004	<u>1</u>
5.	4-channel analog input terminal 4...20 mA, differential input, 12 bit	EL3024	<u>1</u>
6.	4-channel analog output terminal 4...20 mA, 12 bit, 4 x 2-wire system	EL4024	<u>1</u>
7.	4-channel thermocouple input terminal, preset to type K, with wire breakage detection, 16 bit	EL3314	<u>1</u>
8.	Surge filter system and field supply	EL9550	<u>1</u>
9.	Gigabit Ethernet PC interface card, 1-channel, PCI bus	FC9011	<u>2</u>
10.	Passive potential feed terminal, 24 V DC	EL9100	<u>1</u>
11.	Power supply terminal for E-bus, 24 V DC, 2 A with diagnostics	EL9410	<u>1</u>
12.	Bus end cap	EL9011	<u>2</u>
13.	Industrial Ethernet/EtherCAT patch cable, CAT5, PUR, 10.0 m, 10.00 m	ZK1090-9191-0100	<u>2</u>

**Note:**

- The products shall be under standard warranty for one year or more.
- Supply and demonstration shall be done by the vendor at IPR.
- Please mention the values corresponding to the particulars in the compliance form wherever applicable.

Compliance From

Sr. No.	Item Description	Beckhoff Model No.	Vendor Specification and Part No.
1.	EtherCAT Coupler with ID switch for E-bus terminals (ELxxxx)	EK1101	
2.	4-channel digital input terminal 24 V DC, filter 3.0 ms, 2-wire system	EL1004	
3.	4-channel digital output terminal 24 V DC, 0.5 A, 2-wire system	EL2004	
4.	4-channel analog input terminal -10 V...+10 V, single-ended, 12 bit, 4 x 2-wire system	EL3004	
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